

Internal File

2003 Annual Report Review

OK

Permittee: Genwal Resources, Inc.
Mine Name: Crandall Canyon Mine
Permit Number: C/015/032
Date Report Received: May, 12, 2004

Assigned Reviewers:	Date Completed
Karl R. Houskeeper, Engineer/Inspector <i>KRH</i>	May 14, 2004
Joesph Helfrich, Biologist <i>JH</i>	May 25, 2004
Steve Fluke, Hydrologist <i>STF</i>	June 10, 2004

Instructions: The assigned staff will review their respective portions of the Annual report and provide a written determination (findings) on how the mine has or has not met the permit requirements for reporting. If the report is deficient or remedial action is required to obtain compliance, this should be noted and the inspector notified. Once all reviewers have completed the report, they should initial it and a copy will be filed in the Mine Internal File.

Assignments:

Inspectors: Review each cover sheet, AVS Legal/Financial, Mine Sequence Maps.
Hydrologists: Review Water Monitoring Data, Precipitation and Climatological Data, Non-Coal Waste
Biologists: Review Vegetation/Revegetation Success Monitoring, Raptor Survey
Engineers: Review Subsidence Monitoring Data, Annual Impoundment Certification, Annual Overburden, Spoils, Refuse, Floor, etc.

SECTIONS TO REVIEW	SUBMITTED		FINDINGS
	YES	NO	
Cover Sheet	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Meets the minimum requirements.
AVS; Legal/ Financial Update	<input checked="" type="checkbox"/>	<input type="checkbox"/>	A copy of the principals from the Utah Department of Commerce was included with the annual report and checked against the information in the AVS. The information is current. The annual report also included a certificate of existence (registration date December 12, 1994) for Genwal Resources, Inc. from the Utah Department of Commerce.
Mine Sequence Map	<input checked="" type="checkbox"/>	<input type="checkbox"/>	A map for the Hiawatha Seam 2003 Production Areas was included in the annual report. The map was P.E. stamped, but not signed or dated. The map shows the areas of production for 2003 and contains projection lines for future mining and development.
Water Monitoring Data	<input type="checkbox"/>	<input type="checkbox"/>	Water monitoring data is on file in the Division database for the four required monitoring quarters of 2003. A comprehensive report prepared by Petersen Hydrologic summarizing the 2003 water monitoring data is also included.
Precipitation & Climatological Data	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Precipitation data was submitted indicating that the mine received moisture on 45 days in 2003. No temperature data was submitted.
Non-Coal Waste report	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not required. The report indicates that no equipment was abandoned in the mine during 2003.

2003 Annual Report Review

SECTIONS TO REVIEW	SUBMITTED		FINDINGS
	YES	NO	
Subsidence Monitoring Data	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>The annual report contained the following:</p> <p>A report for photography dated October 7, 2003 From Olympus Aerial Surveys, Inc. Job No. 203073.</p> <p>A Subsidence Study Map.</p> <p>Crandall Canyon Mine Hiawatha Seam Subsidence Profile Map.</p> <p>Genwal Subsidence Report.</p> <p>Longwall mining in section 2 is completed. This area will need to be evaluated again next year to see if the south end shows similarities to the north end.</p>
Annual Impoundment Certification	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>The annual report contains an annual sediment pond inspection report. The inspection was conducted on December 29, 2003 and P.E. certified, signed and dated March 29, 2004. No problems were noted. The pond was cleaned in the fall of 2003. The pond was surveyed in the spring of 2004.</p>
Annual Overburden, Spoil, Refuse, Floor, etc.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not Applicable.
Vegetation Data	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not Required
Revegetation Success Monitoring	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not Required
Raptor Survey	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not Required
Other Information	<input type="checkbox"/>	<input type="checkbox"/>	

O:\015032.CRA\FINAL\AR_2003.doc